

## APPARATUS AND METHOD TO PROVIDE ANTENNA DIVERSITY

Abstract

Briefly, in accordance with an embodiment of the invention, an apparatus and method to provide antenna diversity to reduce multipath effects is provided. The apparatus may include a primary antenna and a secondary antenna, wherein the antenna gain of the secondary antenna is greater than the antenna gain of the primary antenna. The method may include selectively switching between either a primary antenna or a diversity antenna to receive signals, wherein a gain of the primary antenna is less than a gain of the diversity antenna.